

EXHIBIT 7

LETTER OF ASSURANCE FOR ESSENTIAL PATENTS

Please return or FAX to: Secretary, IEEE-SA Standards Board Patent Committee
Institute of Electrical and Electronics Engineers, Inc.
445 Hoes Lane
Piscataway, NJ 08855 USA
FAX (+1 732-875-0524)

No license is implied by submission of this Letter of Assurance

A. PATENT HOLDER/ORGANIZATION:

Legal Name of Organization: Motorola, Inc.

B. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:

Name & Department: Motorola Corp Law Department
Address: 1303 E. Algonquin Road, Schaumburg, IL 60196
Telephone: 847-2538-3486 Fax: 847-576-8761 E-mail: Jonathan.Ratsky@motorola.com

C. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: 802.11 Task Group E
Title: MAC Enhancements for Quality of Service

D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:

If the Patent Holder owns or controls granted patent(s) and/or pending applications that it believes may be infringed by compliance with the Proposed IEEE Standard, please specify the patent number, published application, and/or relevant claims. (A patent search is not required.)

Patent Number(s) (if known): _____

Relevant Claims (optional): _____

The Patent Holder states that its position with respect to licensing such patent(s) is as follows (check one box only):

- ☐ 1. The Patent Holder is prepared to grant a free license to an unrestricted number of applicants on a worldwide, non-discriminatory basis to comply with the [Proposed] IEEE Standard.
- ☒ 2. The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to comply with the [Proposed] IEEE Standard.
- ☐ 3. The Patent Holder is unwilling to grant licenses according to the provisions of either 1 or 2 above.
- ☐ 4. I am not aware of any patent(s) and/or patent claim(s) that my company may hold that would be relevant to the subject matter of the [Proposed] Standard.

E. SIGNATURE:

Print name of authorized person: Jonathan Ratsky

Title of authorized person: Vice President & Director of Patent Operations

Signature of authorized person: [Signature] Date: 9/15/03

Note: This assurance applies from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable during that period.

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A. PATENT HOLDER/ORGANIZATION:

Legal Name of Organization: Motorola, Inc

B. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:

Name & Department: Latonia Gordon Intellectual Property and Licensing Dept.
 Address: 1303 E. Algonquin Road, Schaumburg, IL 60196
 Telephone: 847-576-3055 Fax: 847-538-3666 E-mail: Latonia.Gordon@Motorola.com
 URL: _____

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C. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: IEEE 802.11r
 Title: Amendment to IEEE 802.11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Fast Basic Service Set (BSS) Transition

D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:

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Patent/Application Number: _____

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Patent/Application Number: _____
Title: _____

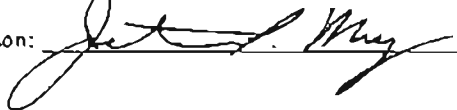
Patent/Application Number: _____
Title: _____

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E. SIGNATURE:

Print name of authorized person: Jonathan P. Meyer

Title of authorized person: Sr. V.P.

Signature of authorized person:  Date: 4/21/05

Note: This assurance applies from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable during that period.

March 1994

doc: IEEE P802.11-94/36

**IEEE 802.11
Intellectual Property Statement**

Title: Motorola Inc. Intellectual Property Statement on the
Motorola Proposals

Date: March 1, 1994

Author: Val Jean F. Hillman
Motorola, Inc
Intellectual Property Department
Corporate Offices
1303 East Algonquin Road
Schaumburg, IL 60196-1065
Tel: 1-708 576-6364
Fax: 1-708 576-3750

MOTOROLA INC. owns patents and has filed patent applications in the area of ~~wireless data~~ communications. In the event the proposed standard is adopted and the standard cannot be practiced without the use of one or more issued patents which are now or ~~hereafter owned~~, controlled or assigned to Motorola, Motorola agrees to license those patents on a non-discriminatory basis offering fair and commercially reasonable terms.

MOTOROLA otherwise reserves all rights under its patents and does not by this statement agree to license any patents where the standard may be followed without necessarily infringing such patents.



April 23, 1996

Mr. Victor Hayes
Chair IEEE P802.11
AT&T WCND Utrecht
Zadelstede 1-10
3431 JZ Nieuwegein
The Netherlands

Dear Mr. Hayes:

This letter is written in response to your letter of September 27, 1995, which requested that Symbol Technologies, Inc. ("Symbol") confirm to the IEEE that it will provide worldwide licenses under certain of its patents related to the proposed IEEE 802.11 standard. In this regard:

In the event the proposed IEEE 802.11 standard is adopted, and the standard cannot be practiced without the use of one or more patents which are now or hereafter owned by Symbol, Symbol would upon request be willing to negotiate a non-exclusive, worldwide license, under the relevant claims of such patent or patents, on a nondiscriminatory basis and on reasonable terms and conditions including its then current royalty rates.

This letter does not grant to the IEEE or any other party any right with respect to Symbol's copyrights or other intellectual property rights (whether now or hereafter in existence) that relate to the proposed standard.

Very truly yours,

A handwritten signature in black ink, appearing to read "Richard Bravman", written over a horizontal line.

Richard Bravman
Senior Vice President

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e-mail (.pdf), or FAX to:

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Piscataway, NJ 08854 USA
FAX (+1 732-875-0524) e-mail: patcom@ieee.org

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A. PATENT HOLDER/ORGANIZATION:

Legal Name of Organization: Symbol Technologies, Inc.

B. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:

Name & Department: Aaron Bernstein, Legal Department
Address: One Symbol Plaza, MS: A-6, Holtsville, NY 11742-1300
Telephone: 631.738.4055 Fax: 631.738.4110 E-mail: aaron.bernstein@symbol.com
URL: www.symbol.com

Note: The IEEE takes no position with respect to the reasonableness of rates, terms, and conditions of the license agreements offered by patent holders or patent applicants. To that end, the IEEE will not review and does not endorse the contents nor confirm the continuing accuracy or consistency of any web sites listed above.

C. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: 802.11a
Title: High Speed Physical Layer in the 5GHz band

D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:

In accordance with Clause 6 of the *IEEE-SA Standards Board Bylaws*, the Patent Holder hereby declares that its licensing position with respect to any patent(s) and/or patent application(s) that it may hold or control, the use of which would be essential to create a compliant implementation of either mandatory or optional portions of the [Proposed] IEEE Standard identified above, is as follows (check one box only):

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[Note: Completion of the following section is optional. Nothing in this Letter of Assurance shall be interpreted as giving rise to a duty to conduct a patent search.]

If the Patent Holder owns or controls patent(s) and/or application(s) that it believes may be essential to create a compliant implementation of the [Proposed] IEEE Standard, please specify the following:

Patent/Application Number: _____
Title: _____

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Patent/Application Number: _____
Title: _____

Patent/Application Number: _____
Title: _____

Use additional pages, as necessary.

E. SIGNATURE:

Print name of authorized person: Aaron Bernstein

Title of authorized person: Vice President & Deputy General Counsel

Signature of authorized person:  Date: 11 Apr 06

Note: This assurance applies from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable upon acceptance by the IEEE-SA Standards Board Patent Committee.

The IEEE Patent Policy and the procedures used to execute that policy are documented in the IEEE-SA Standards Board Bylaws and the IEEE-SA Standards Board Operations Manual, available at <http://standards.ieee.org/resources/index.html#guides>. These documents must be read and understood before completing and submitting this form.

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Legal Name of Organization: Symbol Technologies, Inc.

B. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:

Name & Department: Aaron Bernstein, Legal Department
Address: One Symbol Plaza, MS: A-6, Holtsville, NY 11742-1300
Telephone: 631.738.4055 Fax: 631.738.4110 E-mail: aaron.bernstein@symbol.com
URL: www.symbol.com

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C. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: 802.11b

Title: Higher Speed Physical Layer (PHY) extension in the 2.4 GHz band

D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:

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Patent/Application Number: _____
Title: _____

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Patent/Application Number: _____
Title: _____


Patent/Application Number: _____
Title: _____

Use additional pages, as necessary.

E. SIGNATURE:

Print name of authorized person: Aaron Bernstein

Title of authorized person: Vice President & Deputy General Counsel

Signature of authorized person:  Date: 11 Apr 06

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Name & Department: Aaron Bernstein, Legal Department
Address: One Symbol Plaza, MS: A-6, Holtsville, NY 11742-1300
Telephone: 631.738.4055 Fax: 631.738.4110 E-mail: aaron.bernstein@symbol.com
URL: www.symbol.com

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C. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: 802.11e
Title: Medium Access Control (MAC) Quality of Service Enhancements

D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:

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Patent/Application Number: _____
Title: _____

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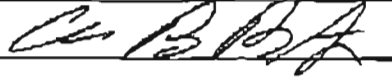
Patent/Application Number: _____
Title: _____

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E. SIGNATURE:

Print name of authorized person: Aaron Bernstein

Title of authorized person: Vice President & Deputy General Counsel

Signature of authorized person:  Date: 11 Apr 06

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C. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: 802.11g
Title: Further Higher Rate (20+ Mbps) Extensions in the 2.4GHz Band

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Title: _____


Patent/Application Number: _____
Title: _____

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G. SIGNATURE:

Print name of authorized person: Aaron Bernstein

Title of authorized person: Vice President & Deputy General Counsel

Signature of authorized person:  Date: 11 APR 06

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C. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: 802.11i
Title: Medium Access Control (MAC) Security Enhancement

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Title: _____

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Title: _____


Patent/Application Number: _____
Title: _____

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E. SIGNATURE:

Print name of authorized person: Aaron Bernstein

Title of authorized person: Vice President & Deputy General Counsel

Signature of authorized person:  Date: 4 Apr 06

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Legal Name of Organization: Motorola, Inc.

B. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:

Name & Department: Latoria Gordon Intellectual Property and Licensing Dept.
Address: 1303 E. Algonquin Road, Schaumburg, IL 60196
Telephone: 847-536-3055 Fax: 847-538-3666 E-mail: Latoria.Gordon@motorola.com
URL: _____

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C. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: IEEE 802.11k
Title: Amendment to IEEE 802.11, Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Radio Resource Measurement of Wireless LANs

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Patent/Application Number: _____

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Patent Application Number: _____
Title: _____

Patent Application Number: _____
Title: _____

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E. SIGNATURE:

Print name of authorized person: Jonathan P. Meyer

Title of authorized person: Sr. V.P.

Signature of authorized person:  Date: 4/21/05

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Piscataway, NJ 08854 USA
FAX (+1 732-875-0524) e-mail: patcom@ieee.org

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A. PATENT HOLDER/ORGANIZATION:

Legal Name of Organization: Symbol Technologies, Inc.

B. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:

Name & Department: Aaron Bernstein, Legal Department
Address: One Symbol Plaza, MS: A-6, Holtsville, NY 11742-1300
Telephone: 631.738.4055 Fax: 631.738.4110 E-mail: aaron.bernstein@symbol.com
URL: www.symbol.com

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C. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: 802.11k
Title: Radio Resource Measurement Enhancements

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- ☐ 3. The Patent Holder is unwilling to grant licenses according to the provisions of either 1 or 2 above.
- ☐ 4. The Patent Holder states that, without conditions, it will not enforce any of its present or future patent(s) against any person or entity creating a compliant implementation of the [Proposed] IEEE Standard.
- ☐ 5. I am not aware of any patent(s) and/or patent application(s) that my company may hold or control that would be essential to create a compliant implementation of the [Proposed] IEEE Standard.

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If the Patent Holder owns or controls patent(s) and/or application(s) that it believes may be essential to create a compliant implementation of the [Proposed] IEEE Standard, please specify the following:

Patent/Application Number: _____
Title: _____

Patent/Application Number: _____
Title: _____

Patent/Application Number: _____
Title: _____

Use additional pages, as necessary.

E. SIGNATURE:

Print name of authorized person: Aaron Bernstein

Title of authorized person: Vice President & Deputy General Counsel

Signature of authorized person:  Date: 11 Apr 06

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 Piscataway, NJ 08855 USA
 FAX (+1 732-875-0524)

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A. PATENT HOLDER/ORGANIZATION:

Legal Name of Organization: MOTRONICA, INC.

B. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:

Name & Department: LATIMIA GORDON, INTELLECTUAL PROPERTY LICENSING
 Address: 1303 E. ALABAMA RD. SCOTTSDALE AZ 85261
 Telephone: 847-576-3055 FAX: 847-576-3466 E-mail: LGORDON@MOTRONICA.COM

C. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: IEEE 802.11n
 Title: 802.11 PHY; MAC ENHANCEMENT FOR HIGH THROUGHPUT

D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:

If the Patent Holder owns or controls granted patent(s) and/or pending applications that it believes may be infringed by compliance with the Proposed IEEE Standard, please specify the patent number, published application, and/or relevant claims. (A patent search is not required.)

Patent Number(s) (if known): _____

Relevant Claims (optional): _____

The Patent Holder states that its position with respect to licensing such patent(s) is as follows (check one box only):

- ☐ 1. The Patent Holder is prepared to grant a free license to an unrestricted number of applicants on a worldwide, non-discriminatory basis to comply with the [Proposed] IEEE Standard.
- ☒ 2. The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to comply with the [Proposed] IEEE Standard.
- ☐ 3. The Patent Holder is unwilling to grant licenses according to the provisions of either 1 or 2 above.
- ☐ 4. I am not aware of any patent(s) and/or patent claim(s) that my company may hold that would be relevant to the subject matter of the [Proposed] Standard.

E. SIGNATURE:

Print name of authorized person: JUDY MUELLER

Title of authorized person: CHIEF IP LAWYER

Signature of authorized person: _____ Date: JUN 12, 2005

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445 Hoes Lane
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Legal Name of Organization: Symbol Technologies, Inc.

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Name & Department: Aaron Bernstein, Legal Department
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C. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: 802.11n
Title: Standard for Enhancements for Higher Throughput

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Patent/Application Number: _____
Title: _____

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Patent/Application Number: _____
Title: _____

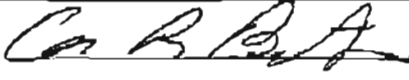
Patent/Application Number: _____
Title: _____

Use additional pages, as necessary.

E. SIGNATURE:

Print name of authorized person: Aaron Bernstein

Title of authorized person: Vice President & Deputy General Counsel

Signature of authorized person:  Date: 11 Apr 06

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C. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: 802.11r
Title: Fast Roaming/Fast BSS Transition

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Title: _____

Patent/Application Number: _____
Title: _____


Patent/Application Number: _____
Title: _____

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E. SIGNATURE:

Print name of authorized person: Aaron Bernstein

Title of authorized person: Vice President & Deputy General Counsel

Signature of authorized person.  Date: 11 Apr 06

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A. PATENT HOLDER/ORGANIZATION:

Legal Name of Organization: Motorola, Inc.

B. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:

Name & Department: Latoria Gordon Intellectual Property and Licensing Dept.
Address: 1303 E. Algonquin Road, Schaumburg, IL 60196
Telephone: 847-536-3055 Fax: 847-538-3666 Email: Latoria.Gordon@motorola.com
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C. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: IEEE 802.11s
Title: Amendment to IEEE 802.11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Extended Service Set (ESS) Mesh Networking

D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:

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Patent/Application Number: _____
Title: _____

Patent/Application Number: _____
Title: _____

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SIGNATURE:

Print name of authorized person: _____ Jonathan P. Meyer _____

Title of authorized person: _____ Sr. V.P. _____

Signature of authorized person: _____ J.P. Meyer _____ Date: 11/21/05 _____

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C. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: 802.11s
Title: ESS Mesh Networking

D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:

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Title: _____

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Title: _____
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Title: _____

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E. SIGNATURE:

Print name of authorized person: Aaron Bernstein
Title of authorized person: Vice President & Deputy General Counsel
Signature of authorized person:  Date: 11 Apr 06

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Name & Department: Latonia Gordon Intellectual Property and Licensing Dept.
Address: 1303 E. Algonquin Road, Schaumburg, IL 60196
Telephone: 847-576-3055 Fax: 847-538-3666 E-mail: Latonia.Gordon@Motorola.com
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C. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: IEEE 802.11u
Title: Amendment to IEEE 802.11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Wireless Interworking with External Networks

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Patent/Application Number: _____
Title: _____

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Title: _____

Patent/Application Number: _____
Title: _____

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E. SIGNATURE:

Print name of authorized person: Jonathan P. Meyer

Title of authorized person: Senior Vice President

Signature of authorized person:  Date: August 16, 2006

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C. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: IEEE 802.11v
Title: Amendment to IEEE 802.11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Wireless Network Management

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Title: _____

Use additional pages, as necessary.

E. SIGNATURE:

Print name of authorized person: Jonathan P. Meyer

Title of authorized person: Senior Vice President

Signature of authorized person: [Signature] Date: August 11, 2006

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- ☐ 3. The Patent Holder is unwilling to grant licenses according to the provisions of either 1 or 2 above.
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[Note: Completion of the following section is optional. Nothing in this Letter of Assurance shall be interpreted as giving rise to a duty to conduct a patent search.]

If the Patent Holder owns or controls patent(s) and/or application(s) that it believes may be essential to create a compliant implementation of the [Proposed] IEEE Standard, please specify the following:

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Use additional pages, as necessary.

E. SIGNATURE:

Print name of authorized person: Aaron Bernstein

Title of authorized person: Vice President & Deputy General Counsel

Signature of authorized person:  Date: 11 Apr 06

Note: This assurance applies from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable upon acceptance by the IEEE-SA Standards Board Patent Committee.

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